

## Chemistry Online Ionic and Covalent Nomenclature Practice

Complete on a separate sheet of paper.

Start with this which should explain how to complete the nomenclature:

[http://www.occc.edu/kmbailey/chem1115tutorials/Name\\_Ionic.htm](http://www.occc.edu/kmbailey/chem1115tutorials/Name_Ionic.htm)

1. What is an easy way to determine if a compound is ionic or covalent that works most of the time?
2. When naming ionic compounds what is named first?
3. The ending “-ide” in an ion usually tells you what about the anion?
4. Endings “-ate and “-ite” usually mean what about the anion?
5. “-ite” vs “-ate” generally denotes the number of \_\_\_\_\_?
6. In ionic compound, electrons are distributed how? Explain where they are usually found and use trends on the periodic table to help you.

Now go to the following link and use what you know to answer the practice question. After you figure out how to work the practice, refresh the page and start over.

Writing Ionic Compounds Practice:

<http://www.sciencegeek.net/Chemistry/taters/ions/page2.htm>

7. Covalent compounds generally contain only what type of element?
8. Naming covalent compound is done how?
9. Describe the electron distribution in a covalent compound and again use periodic trends in your description.

Now go to the following link and use what you know to answer the practice question.

Covalent Compound/ Molecular Practice

<http://www.sciencegeek.net/Chemistry/taters/Unit4BinaryNomenclature.htm>

10. Now play the following practice game and see how much money you could win if it was real!

<http://www.quia.com/rr/180365.html>

### Additional Simple Inorganic Nomenclature mixed review.

Use any one of the following links for additional practice.

Ionic:

<http://www.quia.com/mc/65800.html>

Covalent and ionic:

<http://www.quia.com/mc/396811.html>

Ion naming practice:

<http://www.quia.com/mc/65694.html>

<http://www.syvum.com/cgi/online/serve.cgi/contrib/chem/Polyatoms.tdf?0>

Anions:

<http://www.sciencegeek.net/Concentration/Anions2/anions.html>

Cations:

<http://www.sciencegeek.net/Concentration/Cations/cations.html>